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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,918	03/22/2004	Yu Zheng	PAT-1556	2471
7590		06/20/2008		
Raymond Sun				
12420 Woodhall Way				
Tustin, CA 92782				
			EXAMINER	
			HAWK, NOAH CHANDLER	
			ART UNIT	PAPER NUMBER
			3636	
			MAIL DATE	DELIVERY MODE
			06/20/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/806,918	Applicant(s) ZHENG, YU	
	Examiner NOAH C. HAWK	Art Unit 3636	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 May 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 38-41 is/are pending in the application.
- 4a) Of the above claim(s) 41 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 38-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

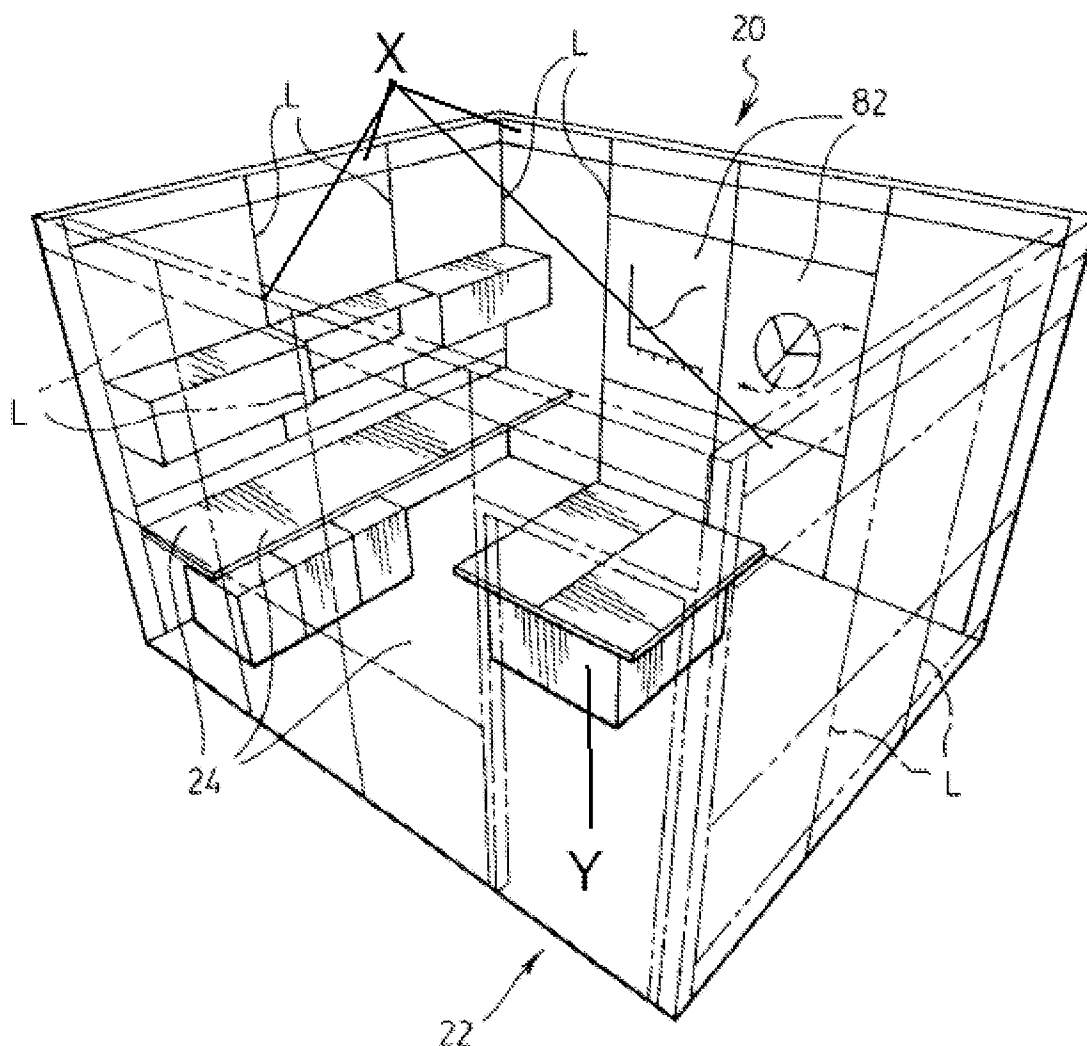
1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 38 - 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Marangoni et al in US Patent 6446396 in view of Zheng in US Publication 20010039959 and Zheng in US Patent 6360761. Marangoni teaches a combination comprising an item of furniture (Y) and a structure with first, second, third and fourth panels (X) wherein the furniture is placed within the space and surrounded by the ring of panels, but fails to teach details of the panels. Zheng '959 teaches a structure consisting of first through fourth panels (52, 54, 56, 58, Best seen in Figure 4), wherein each panel is defined by a foldable frame in a peripheral sleeve (66) extending along the periphery of each panel, the panels having a folded (Seen in Figure 5E) and unfolded (Seen in Figure 4 and 5A) orientations and a sheet material (68). Zheng further teaches that the right side of the first panel (52) is hingedly connected to the left side of the second panel (54), that the right side of the third panel (56) is hingedly connected to the left side of the fourth panel (58) and that the left side of the first panel is connected to the right side of the fourth panel and the right side of the second panel is connected to the left side of the third panel. It would have been obvious to one of ordinary skill in the art at the time of invention to modify the combination of Marangoni by using collapsible panels as

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taught by Zheng in order to provide a more easily transported panel system. Marangoni, as modified, fails to teach that the panels are different sizes or that they are removably connected together. Zheng '761 teaches a ring of panels (Best seen in Figure 11) with two panels (142, 144) differently shaped than two others (20) and having more than twice the size of the others and that the panels are removably connected (via 158) to each other. It would have been obvious to one of ordinary skill in the art at the time of invention to modify the combination of Marangoni, as modified, by using differently sized panels as taught by Zheng '761 in order to meet the individual user's aesthetic needs and to use removable connections between the first and fourth and between the second and third panels in order to allow the user to open and close the ring at will. Such a combination would have two separate and independent structures formed by the 1st and 2nd and 3rd and 4th panels respectively.



Marangoni et al., Figure 1

Response to Arguments

3. Applicant's arguments filed 5/12/08 have been fully considered but they are not persuasive.

4. Regarding the arguments with respect to the connections between the first and fourth and between the second and third panels, please see the clarified rejection above. It would be obvious to replace any of the connections between panels with a removable connection as taught by Zheng '761, including those mentioned above. Such a modified device would inherently have two independent and separate structures.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NOAH C. HAWK whose telephone number is (571)272-1480. The examiner can normally be reached on M-F 9am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Dunn can be reached on 571-272-6670. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/N. C. H./
Examiner, Art Unit 3636

/David Dunn/
Supervisory Patent Examiner, Art Unit 3636